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PA5126US

FIG.1A

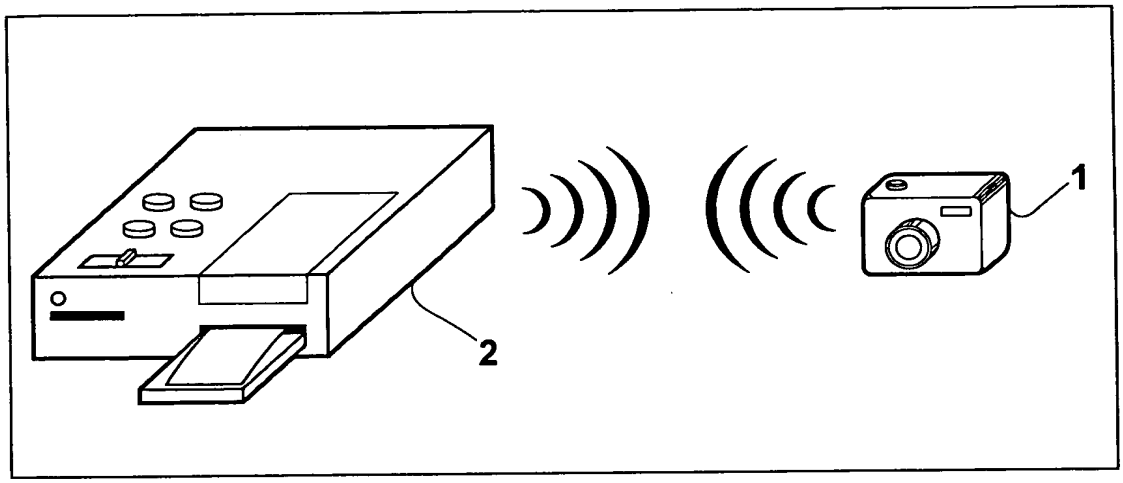
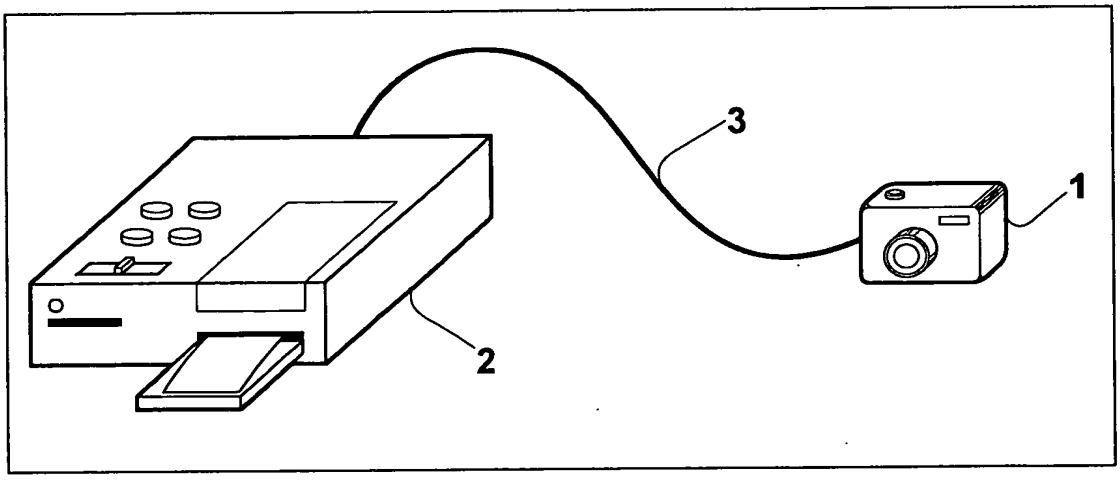


FIG.1B



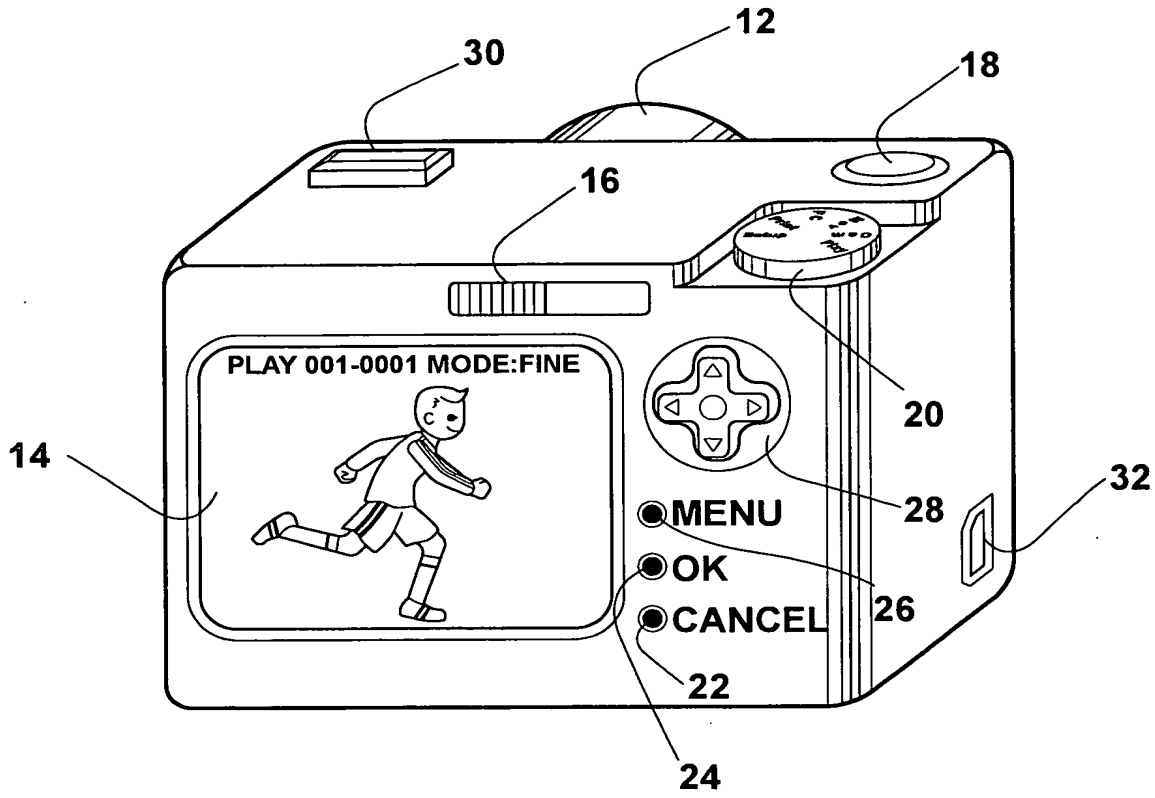

30
12
18
16
PLAY 001-0001 MODE:FINE
14
20
32
28
MENU
OK
CANCEL
26
22
24

FIG.2

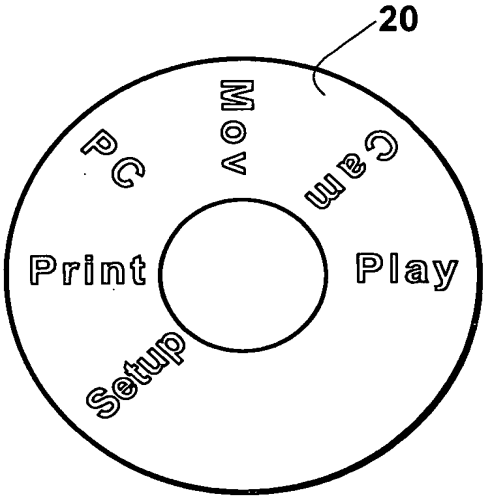


FIG.3

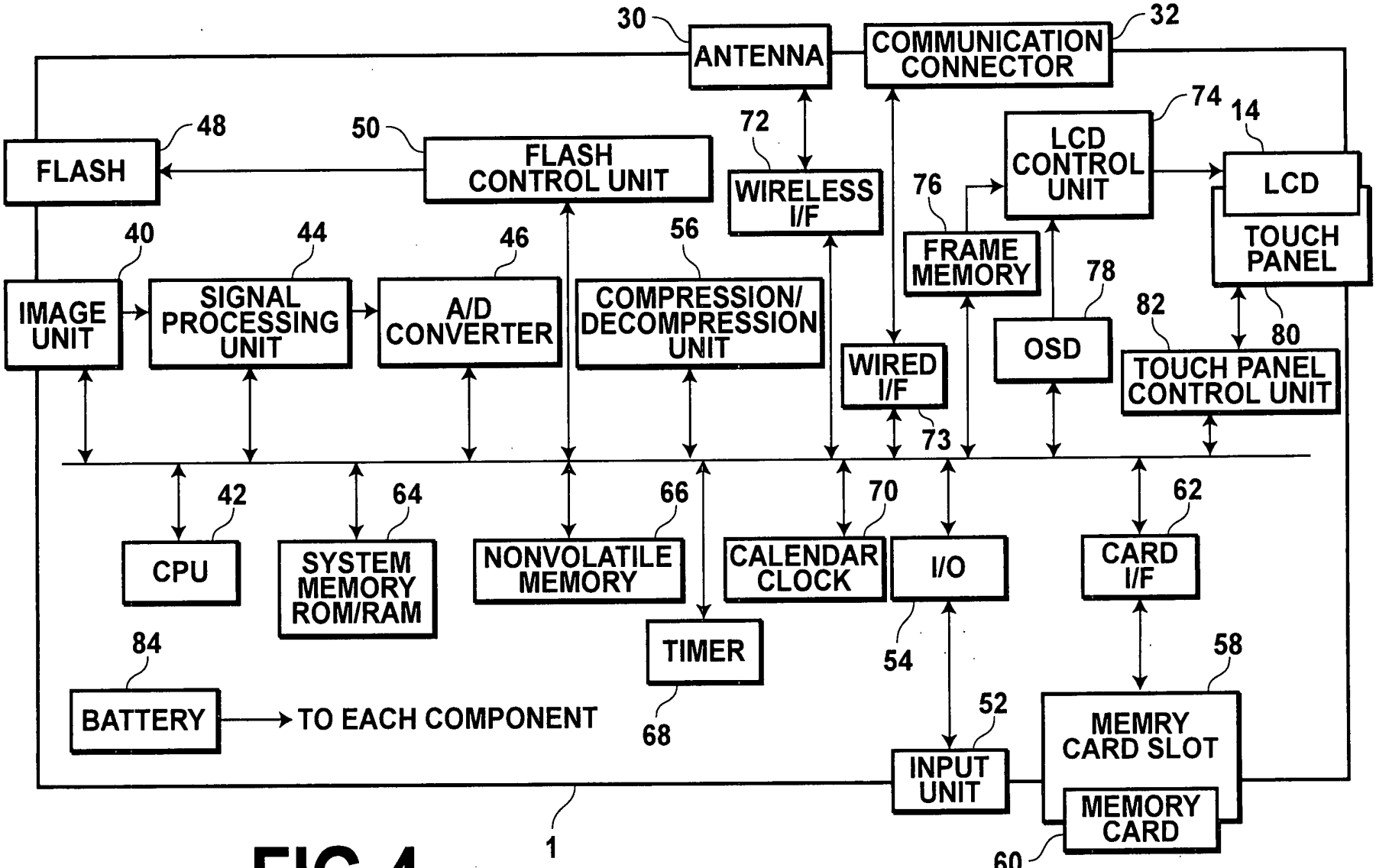

30
ANTENNA
COMMUNICATION CONNECTOR
32
74
14
48
50
72
LCD CONTROL UNIT
LCD
FLASH
FLASH CONTROL UNIT
WIRELESS I/F
76
TOUCH PANEL
40
44
46
56
FRAME MEMORY
78
IMAGE UNIT
SIGNAL PROCESSING UNIT
A/D CONVERTER
COMPRESSION/ DECOMPRESSION UNIT
82
80
OSD
WIRED I/F
TOUCH PANEL CONTROL UNIT
73
42
64
66
70
62
CPU
SYSTEM MEMORY ROM/RAM
NONVOLATILE MEMORY
CALENDAR CLOCK
I/O
CARD I/F
84
TIMER
54
58
BATTERY
TO EACH COMPONENT
68
52
MEMRY CARD SLOT
INPUT UNIT
MEMORY CARD
1
60

FIG.4

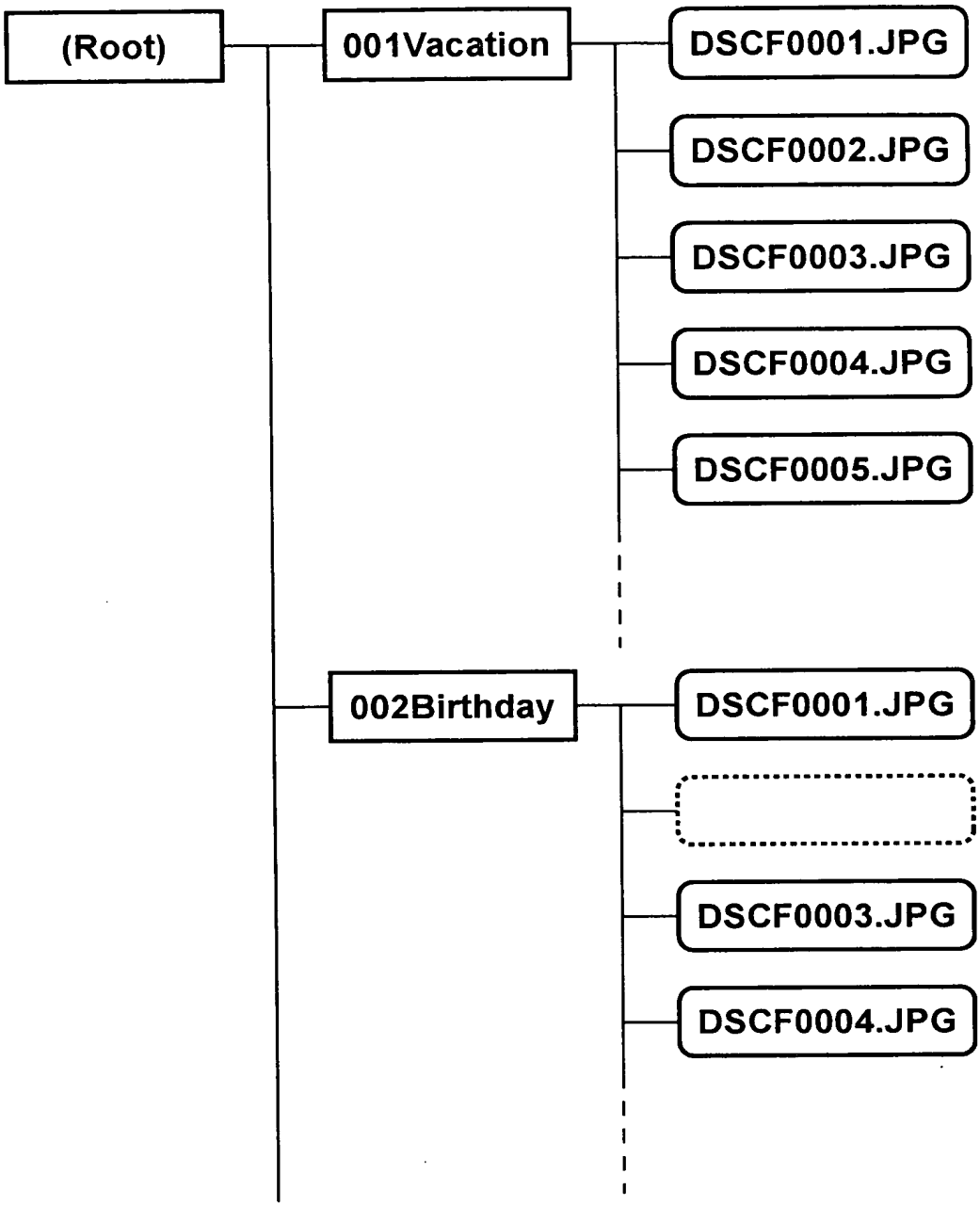

(Root)
001Vacation
DSCF0001.JPG
DSCF0002.JPG
DSCF0003.JPG
DSCF0004.JPG
DSCF0005.JPG
002Birthday
DSCF0001.JPG
DSCF0003.JPG
DSCF0004.JPG

FIG.5

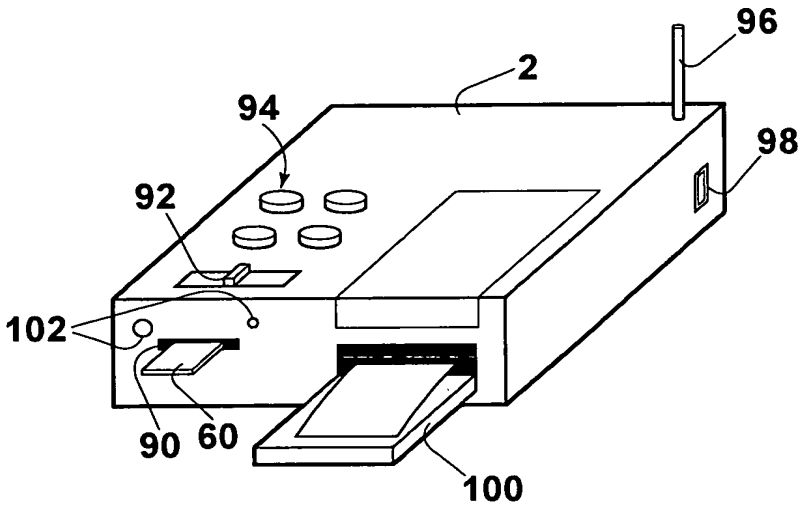


FIG.6

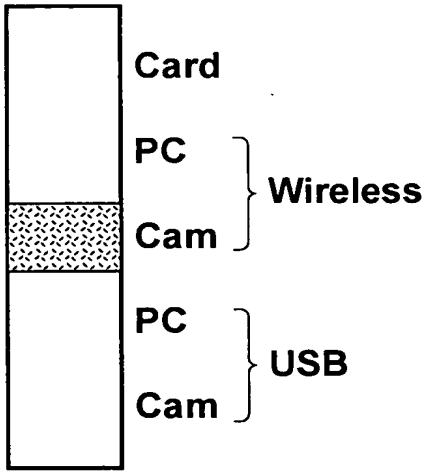


FIG.7

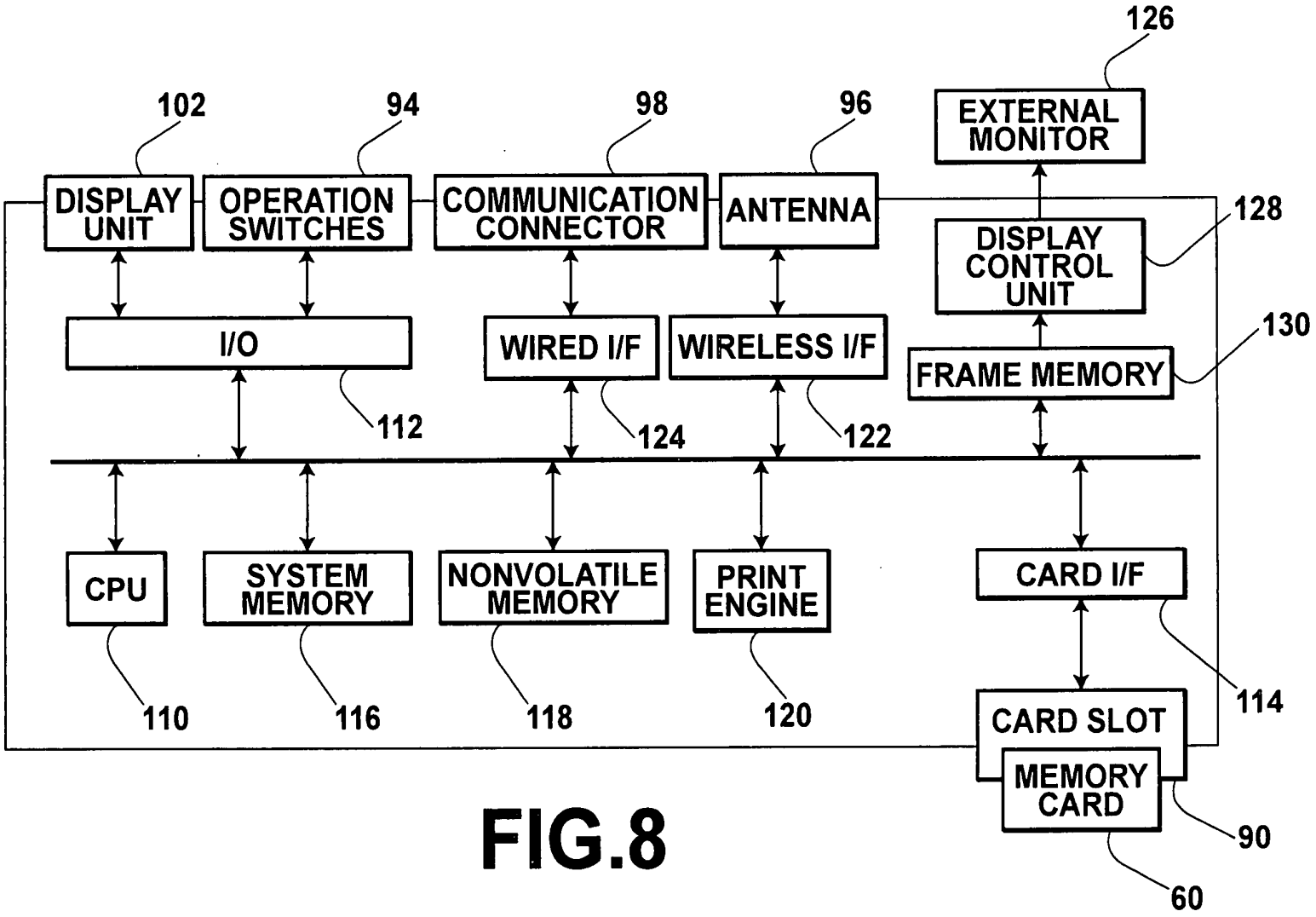

126
102
94
98
96
EXTERNAL MONITOR
DISPLAY UNIT
OPERATION SWITCHES
COMMUNICATION CONNECTOR
ANTENNA
128
DISPLAY CONTROL UNIT
I/O
WIRED I/F
WIRELESS I/F
130
FRAME MEMORY
112
124
122
CPU
SYSTEM MEMORY
NONVOLATILE MEMORY
PRINT ENGINE
CARD I/F
114
CARD SLOT
MEMORY CARD
110
116
118
120
90
60

FIG.8

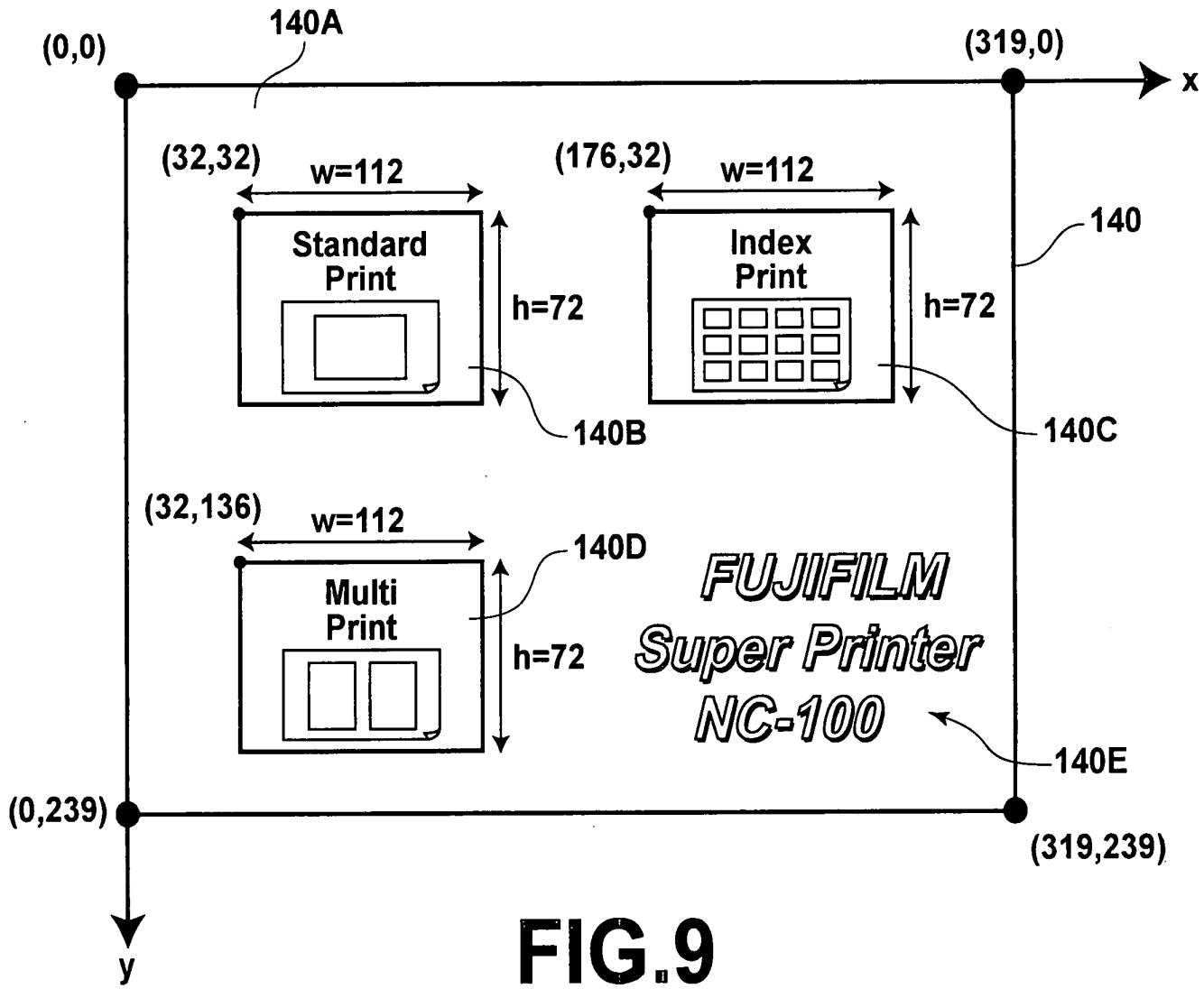

(0,0)
140A
(319,0)
x
(32,32)
w=112
Standard Print
h=72
140B
(176,32)
w=112
Index Print
h=72
140C
140
(32,136)
w=112
Multi Print
h=72
140D
FUJIFILM
Super Printer
NC-100
140E
(0,239)
(319,239)
y

FIG.9

startup.xml

```
<printer_control_panel version="1.0">
<product name="FUJIFILM NC-100" version="1.0"/>
<panel ID="0001">
<background src="0001.jpg" w="320" h="240"/>
<active_area x="32" y="32" w="112" h="72" href="standard.xml"/>
<active_area x="176" y="32" w="112" h="72" href="index.xml"/>
<active_area x="32" y="136" w="112" h="72" href="multi.xml"/>
</panel>
</printer_control_panel>
```

FIG.10

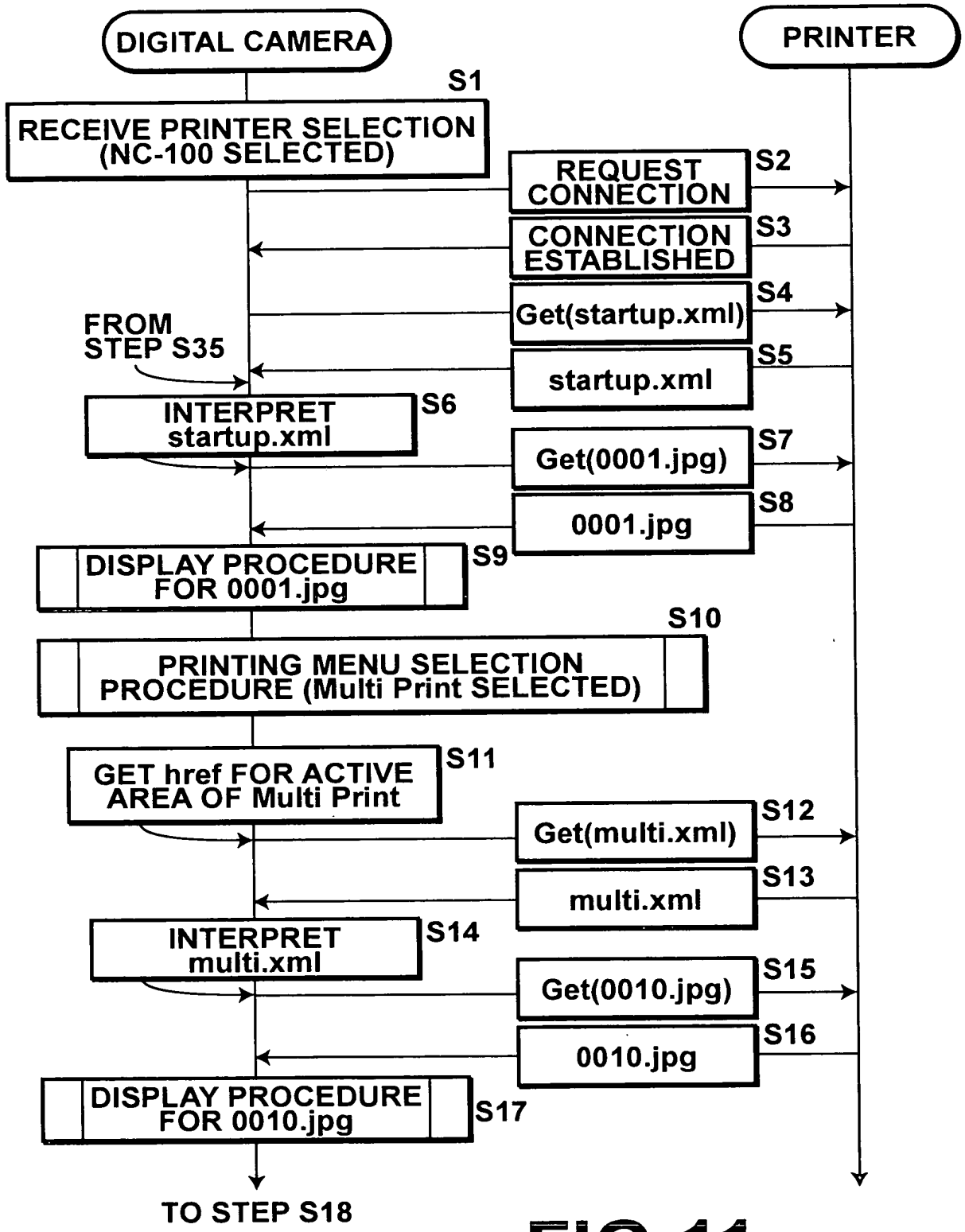

DIGITAL CAMERA
PRINTER
S1
RECEIVE PRINTER SELECTION (NC-100 SELECTED)
REQUEST CONNECTION
S2
CONNECTION ESTABLISHED
S3
Get(startup.xml)
S4
FROM STEP S35
startup.xml
S5
INTERPRET startup.xml
S6
Get(0001.jpg)
S7
0001.jpg
S8
DISPLAY PROCEDURE FOR 0001.jpg
S9
S10
PRINTING MENU SELECTION PROCEDURE (Multi Print SELECTED)
GET href FOR ACTIVE AREA OF Multi Print
S11
Get(multi.xml)
S12
multi.xml
S13
INTERPRET multi.xml
S14
Get(0010.jpg)
S15
0010.jpg
S16
DISPLAY PROCEDURE FOR 0010.jpg
S17
TO STEP S18

FIG.11

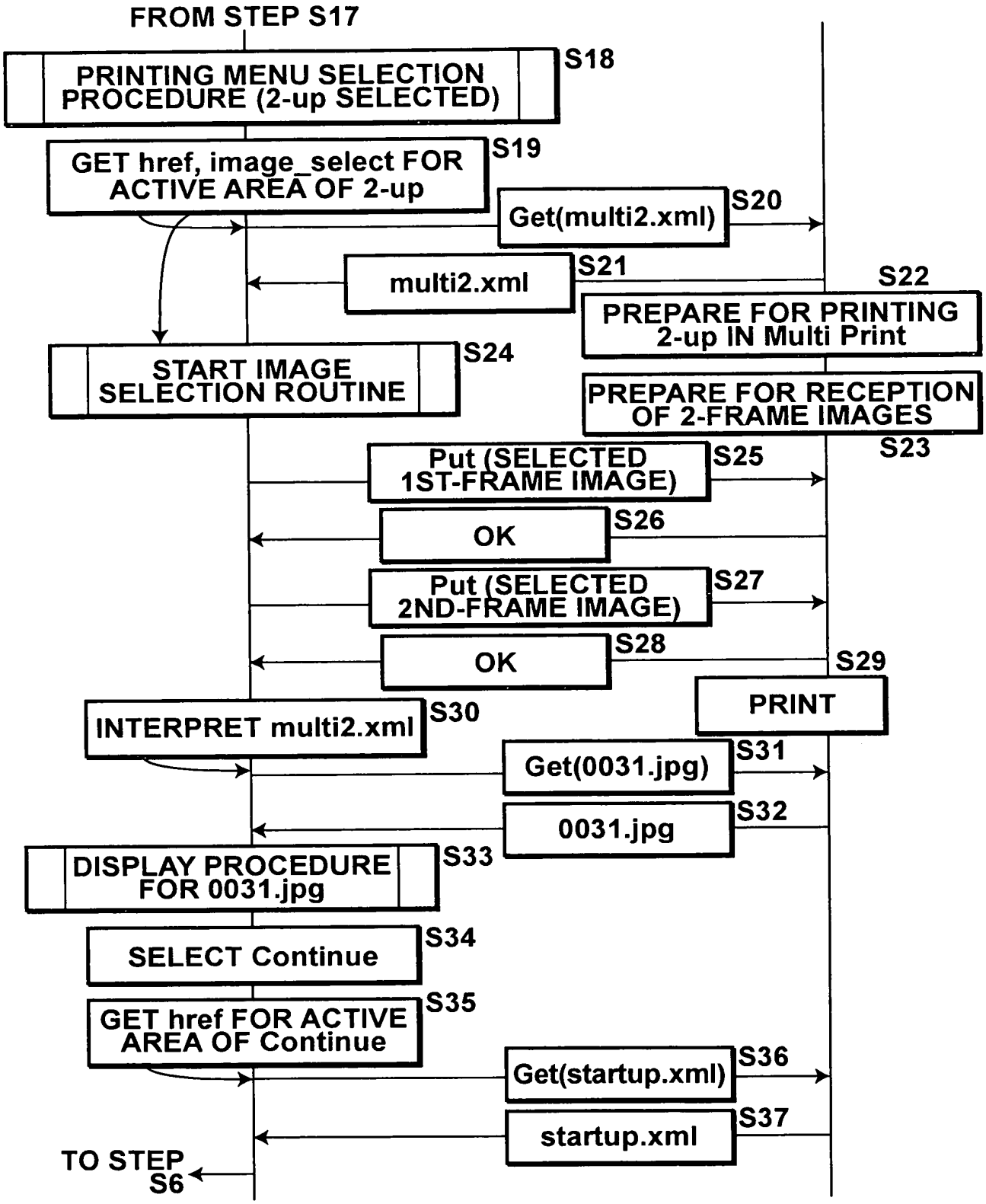

FROM STEP S17
PRINTING MENU SELECTION PROCEDURE (2-up SELECTED)
S18
GET href, image_select FOR ACTIVE AREA OF 2-up
S19
Get(multi2.xml)
S20
multi2.xml
S21
S22
PREPARE FOR PRINTING 2-up IN Multi Print
START IMAGE SELECTION ROUTINE
S24
PREPARE FOR RECEPTION OF 2-FRAME IMAGES
S23
Put (SELECTED 1ST-FRAME IMAGE)
S25
OK
S26
Put (SELECTED 2ND-FRAME IMAGE)
S27
OK
S28
S29
PRINT
INTERPRET multi2.xml
S30
Get(0031.jpg)
S31
0031.jpg
S32
DISPLAY PROCEDURE FOR 0031.jpg
S33
SELECT Continue
S34
GET href FOR ACTIVE AREA OF Continue
S35
Get(startup.xml)
S36
startup.xml
S37
TO STEP S6

FIG.12

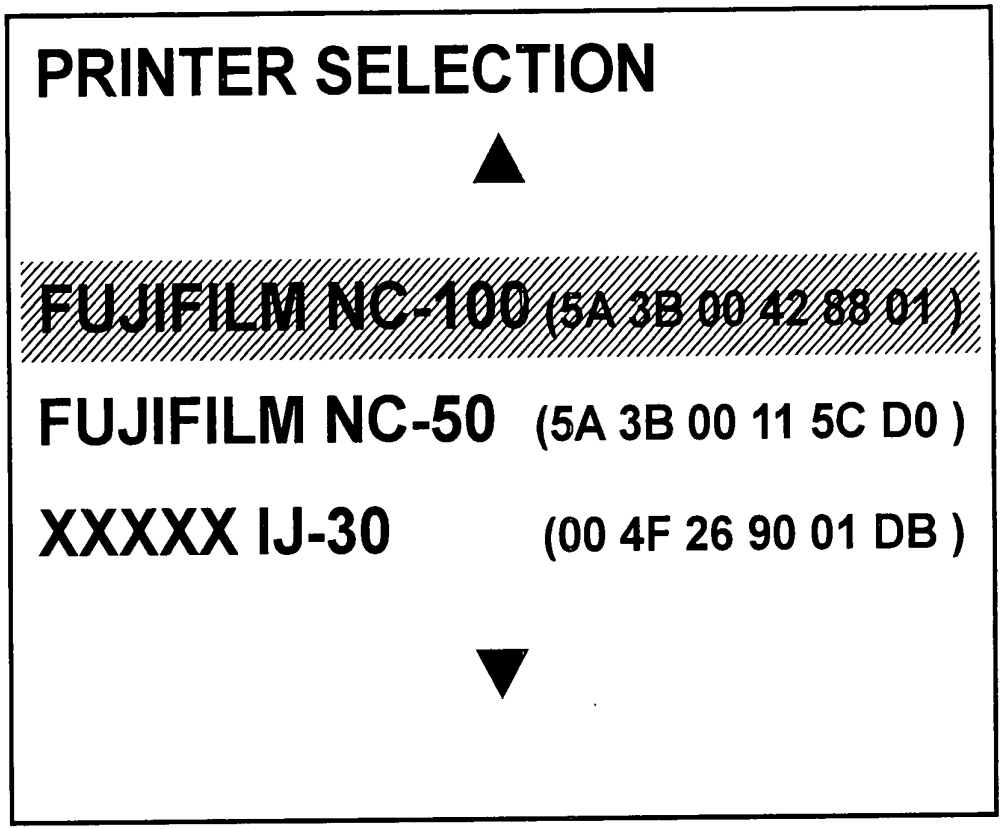

PRINTER SELECTION
FUJIFILM NC-100 (5A 3B 00 42 88 01)
FUJIFILM NC-50 (5A 3B 00 11 5C D0)
XXXXX IJ-30 (00 4F 26 90 01 DB)

FIG.13

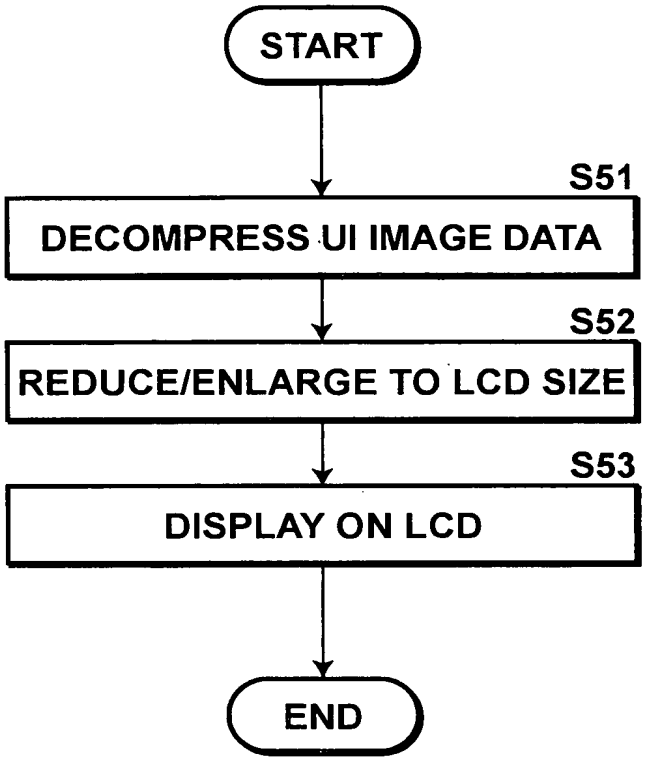

START
S51
DECOMPRESS UI IMAGE DATA
S52
REDUCE/ENLARGE TO LCD SIZE
S53
DISPLAY ON LCD
END

FIG.14

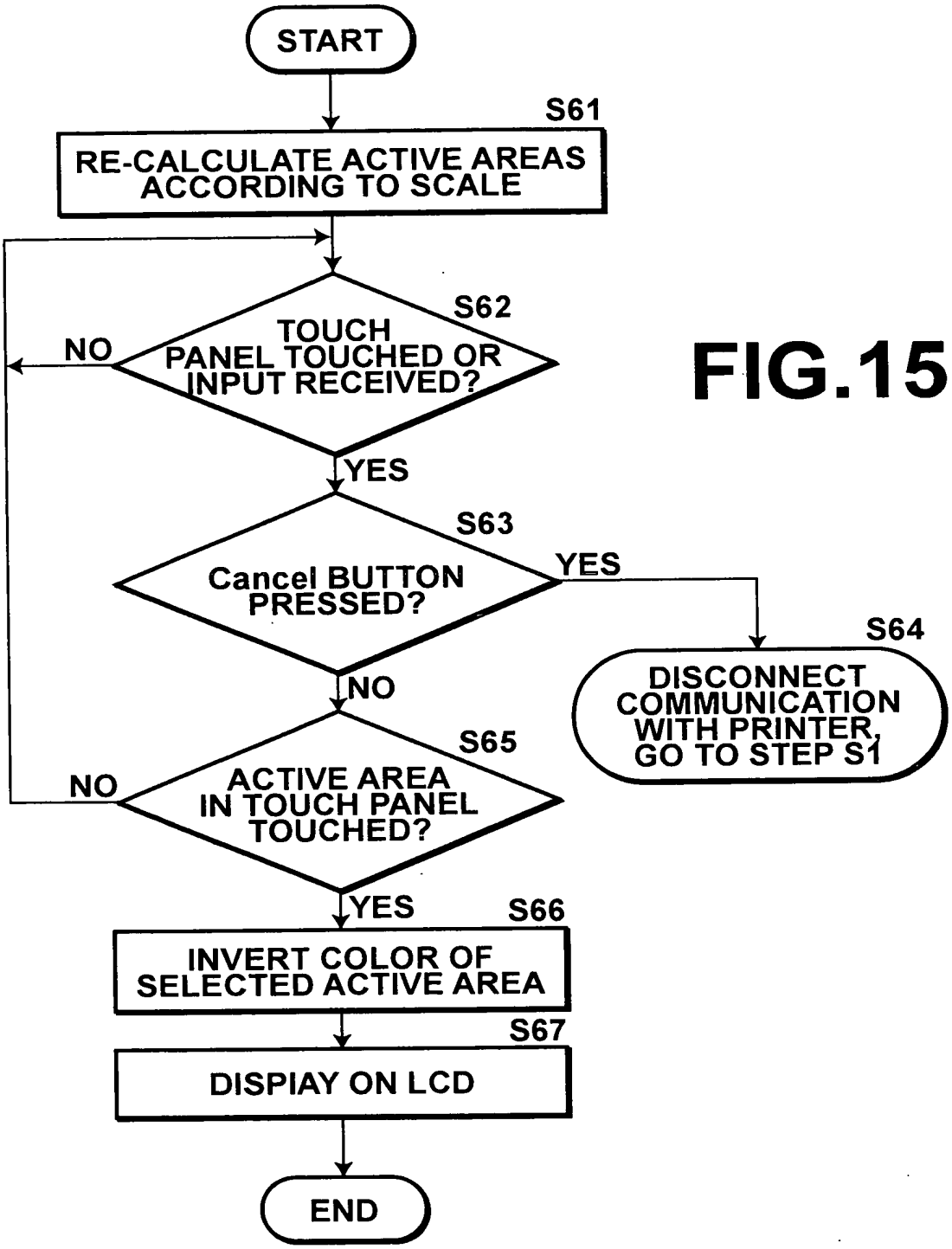

START
S61
RE-CALCULATE ACTIVE AREAS ACCORDING TO SCALE
S62
TOUCH PANEL TOUCHED OR INPUT RECEIVED?
NO
YES
S63
Cancel BUTTON PRESSED?
YES
S64
DISCONNECT COMMUNICATION WITH PRINTER, GO TO STEP S1
NO
S65
ACTIVE AREA IN TOUCH PANEL TOUCHED?
NO
YES
S66
INVERT COLOR OF SELECTED ACTIVE AREA
S67
DISPIAY ON LCD
END

FIG.15

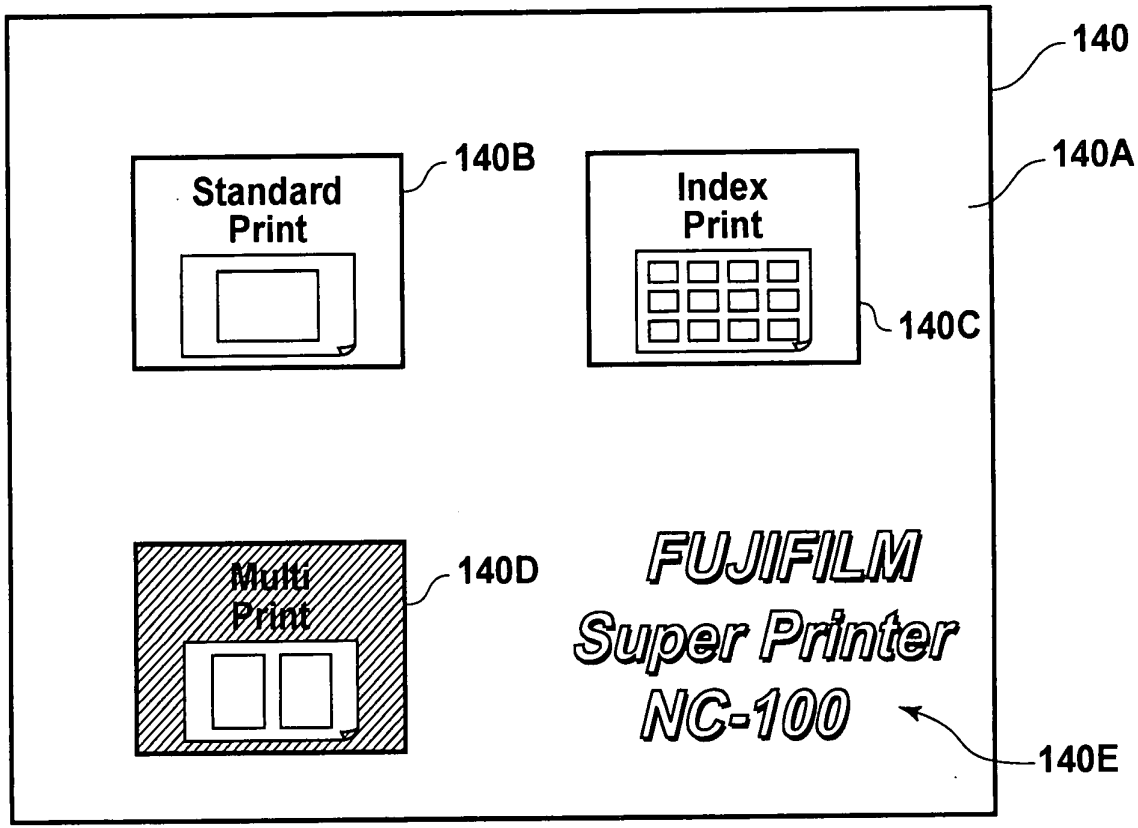

140
140A
140B
Standard Print
Index Print
140C
Multi Print
140D
FUJIFILM
Super Printer
NC-100
140E

FIG.16

multi.xml

```
<printer_control_panel version="1.0">
<product name="FUJIFILM NC-100" version="1.0"/>
<panel ID="0010">
<background src="0010.jpg" w="320" h="240"/>
<active_area x="32" y="32" w="112" h="72" href="multi2.xml" image_select="2"/>
<active_area x="176" y="32" w="112" h="72" href="multi4.xml" image_select="4"/>
<active_area x="32" y="136" w="112" h="72" href="multi9.xml" image_select="9"/>
</panel>
</printer_control_panel>
```

FIG.17

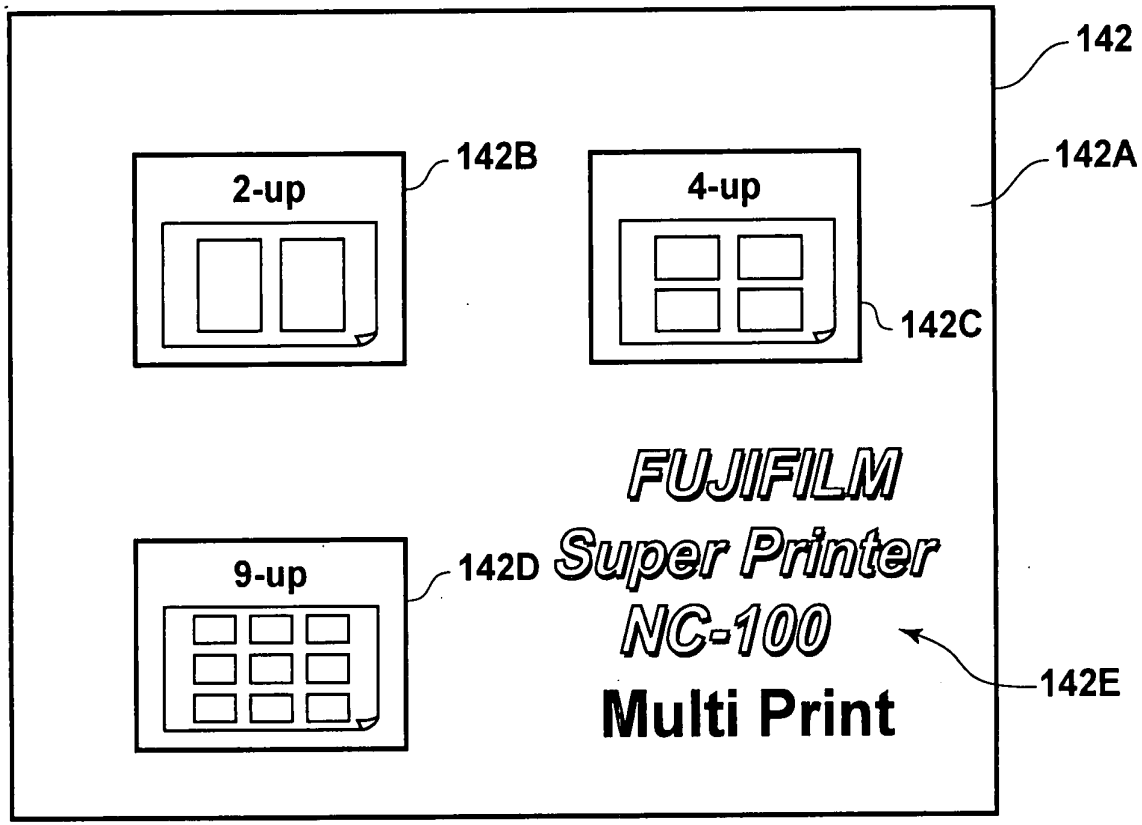

142
142B
2-up
142A
4-up
142C
FUJIFILM
Super Printer
NC-100
9-up
142D
142E
Multi Print

FIG.18

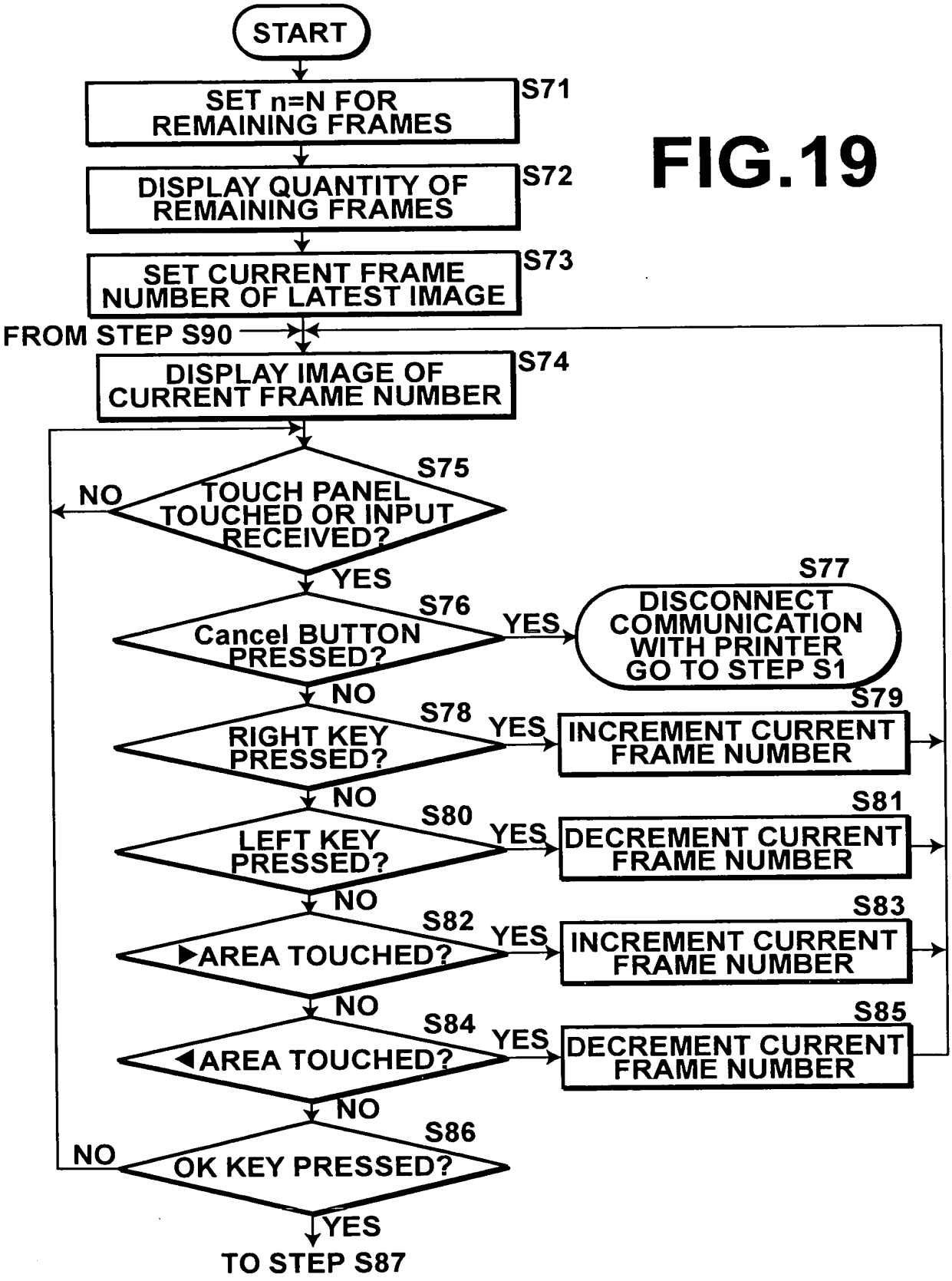
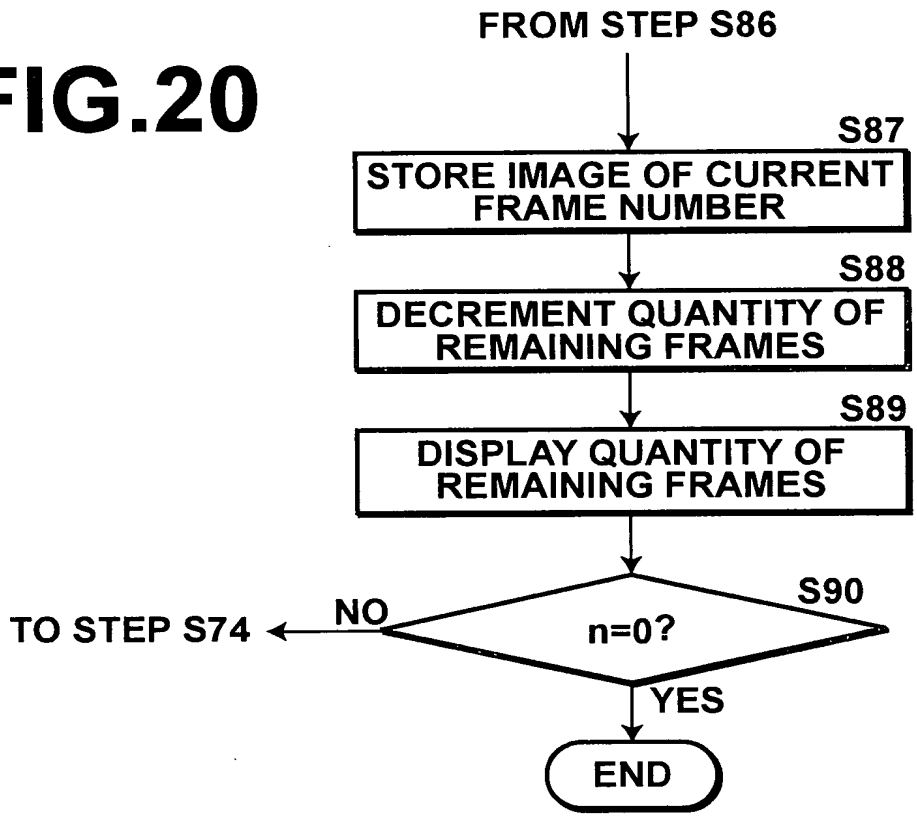

START
SET n=N FOR REMAINING FRAMES
S71
DISPLAY QUANTITY OF REMAINING FRAMES
S72
SET CURRENT FRAME NUMBER OF LATEST IMAGE
S73
FROM STEP S90
DISPLAY IMAGE OF CURRENT FRAME NUMBER
S74
S75
TOUCH PANEL TOUCHED OR INPUT RECEIVED?
NO
YES
S76
Cancel BUTTON PRESSED?
YES
S77
DISCONNECT COMMUNICATION WITH PRINTER GO TO STEP S1
NO
S78
RIGHT KEY PRESSED?
YES
S79
INCREMENT CURRENT FRAME NUMBER
NO
S80
LEFT KEY PRESSED?
YES
S81
DECREMENT CURRENT FRAME NUMBER
NO
S82
▶AREA TOUCHED?
YES
S83
INCREMENT CURRENT FRAME NUMBER
NO
S84
◀AREA TOUCHED?
YES
S85
DECREMENT CURRENT FRAME NUMBER
NO
S86
OK KEY PRESSED?
NO
YES
TO STEP S87

FIG.19

FIG.20


FROM STEP S86
S87
STORE IMAGE OF CURRENT FRAME NUMBER
S88
DECREMENT QUANTITY OF REMAINING FRAMES
S89
DISPLAY QUANTITY OF REMAINING FRAMES
S90
n=0?
NO
TO STEP S74
YES
END

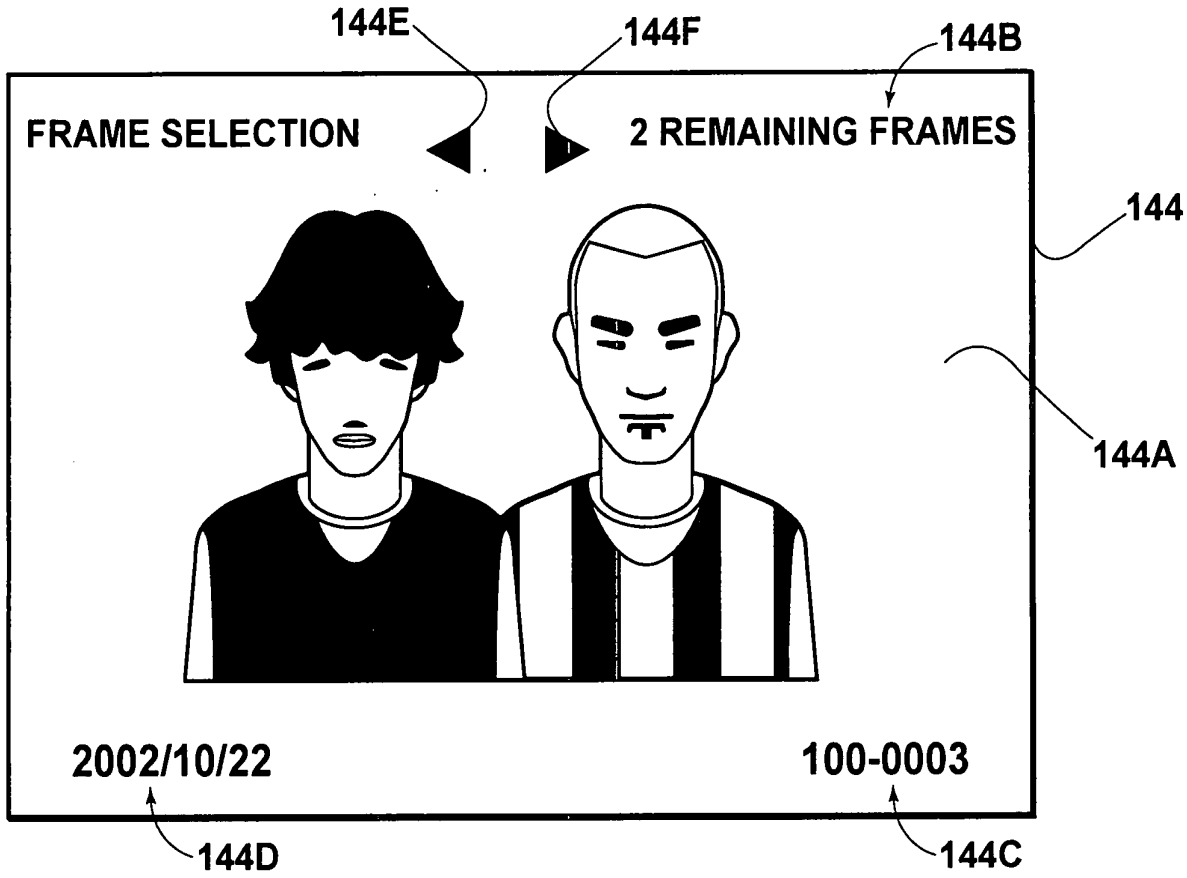

144E
144F
144B
FRAME SELECTION
2 REMAINING FRAMES
144
144A
2002/10/22
100-0003
144D
144C

FIG.21

multi2.xml

```
<printer_control_panel version="1.0">
<product name="FUJIFILM NC-100" version="1.0"/>
<panel ID="0001">
<background src="0030.jpg" w="320" h="240"/>
<active_area x="120" y="104" w="112" h="64" href="startup.xml"/>
</panel>
</printer_control_panel>
```

FIG.22

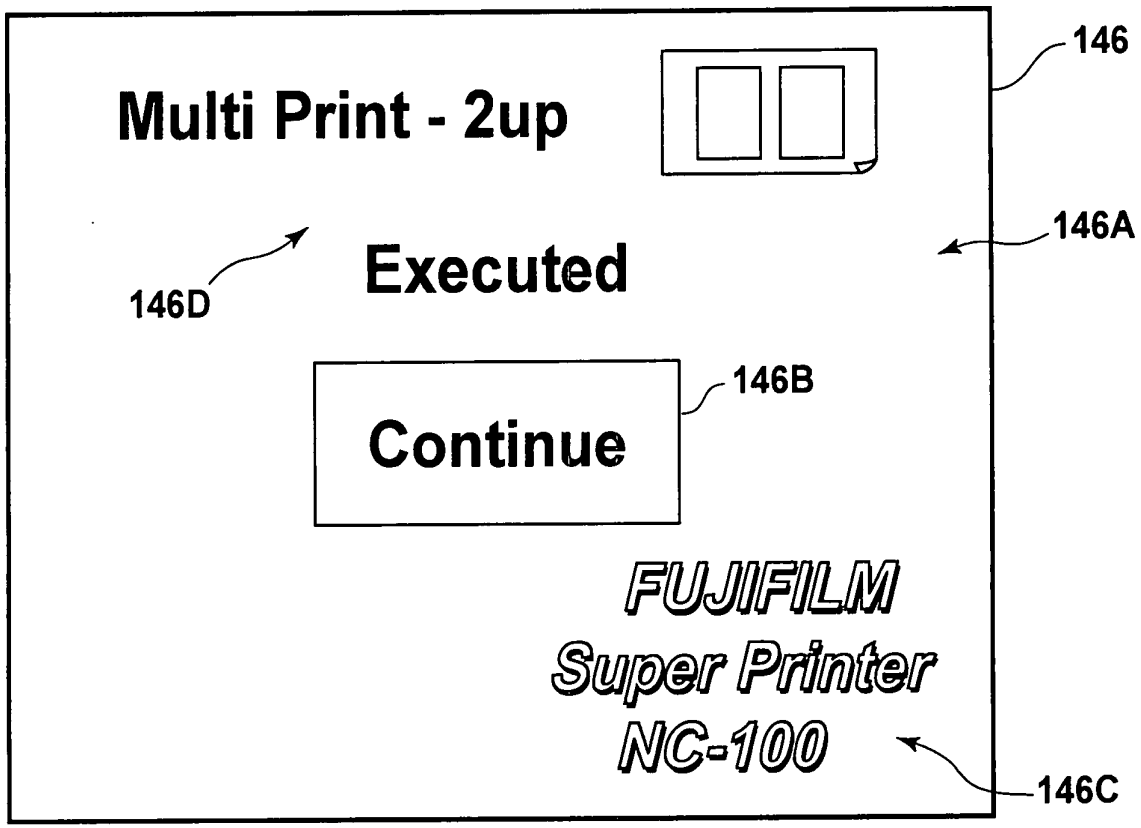

Multi Print - 2up
146
146A
Executed
146D
Continue
146B
FUJIFILM
Super Printer
NC-100
146C

FIG.23